

UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent 7,303,598  
Issued: Dec, 4, 2007  
Serial No.: 10/796,592  
Filing Date: 05/05/2004  
Title: LIQUID FUEL PREPROCESSOR  
Inventors: MEHDI NAMAZIAN, et. al.

**Certificate**

JAN 09 2008

**of Correction**

Mail Stop FEE Certificates of Correction Branch  
Commissioner for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION - 35 USC 254 & 255**

Sir:

This is a request for a certificate of correction to the subject patent and is brought under 35 USC 254 & 255 and Rule §322 & §323 (mistakes partly by the Patent Office and partly by Patentees).

Apparent errors have been found in the the patent. Both are on the patent's cover sheet, as follows:

- Patent Office's mistake in not printing any reference to the patent's related U. S. application data. Such "related application data" comprises provisional application serial no. 60/452,325 filed March 5, 2003.
- Patentees' mistake in providing an incorrect serial number and filing date for the provisional application at pg. 1 of the non-provisional application.

The chain of events leading to this Request is as follows:

- 1) Patentees filed provisional appn. S/N 60/452,325 on 03/05/2003 (attached Exh. 1).  
81/38/2008 SSITHIB1 80000067 7303598  
01 FC:1811 104-90-00  
2) Application S/N 10/796,592 (which resulted in the subject patent 7,303,598) was filed on March 5, 2004 with a mistake at pg. 1 in which the preamble erroneously stated that the ~~Patent Office~~ ~~Patent~~ ~~Publication~~ Patent Publication

priority document was "application serial no. 60/236,956 filed Sept. 2000" (attached Exh. 2). This was inadvertent clerical error on behalf of Patentee's undersigned attorney.

- 3) In an effort to correct the mistake, Patentees filed a Preliminary Amendment dated 3/10/2005 (attached Exh 3) amending pg. 1 of the non-provisional application by changing the provisional's filing date at pg. 1 from "Sept. 2000" to "March 5, 2003." This included an error as the undersigned attorney for Patentees failed to recognize that their also was required a correction of the provisional's serial number from 60/236,956 to 60/452,325.
- 4) Letters Patent 7,303,598 issued on Dec. 4, 2007 with the cover page having no "related U. S. application data"; i. e. there was no reference to the priority document of provisional application 60/452,325 nor the March 5, 2003 filing date thereof.
- 5) About two weeks ago, upon receipt of Letters patent 7,303,598, the Patentee's undersigned attorney first noted that there was no "related U. S. application data" on the patent's cover page as to the priority provisional application, and also that the application document did not show the provisional's correct serial number.

Patentee is submitting herewith form PTO/SB/44 (09-07) which shows the correct "related U. S. application data" for the subject patent. Also enclosed is our check #1460 in the amount of \$100 for the requisite fee under 35 USC §120(a).

According, the issuance of a Certificate of Correction in accordance with the form PTO/SB/44 (09-07) is solicited.

Date: Thu, Jan 3, 2008

LAW OFFICES OF RICHARD E. BACKUS  
2792 Pillsbury Way  
Wellington, FL 3341

*R E Backus*

Richard E. Backus, Reg. 22,701  
Attorney for Applicant  
Tel: 561-333-6591

~~The PTO did not receive the following  
listed Item(s)~~

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 1 of 1PATENT NO. **7,303,598**APPLICATION NO. **10/796,592**ISSUE DATE **12/04/2007**INVENTOR(S) **Mehdi Namazian, et al**

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Add the following to the cover page:

**Related U.S. Application Data**

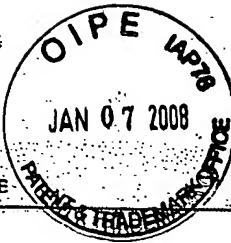
Provisional application No. 60/452,325, filed on  
Mar. 5, 2003

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

**Richard E. Backus  
2792 Pillsbury Way  
Wellington, FL 33414**

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND COMMENTS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**JAN 10 2008**



Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 60/452,325         | 03/05/2003  | 80           |               | P-68800        |          | 1          |            |

Richard E. Backus  
Suite 490  
685 Market Street  
San Francisco, CA 94105

**CONFIRMATION NO. 7056**

**FILING RECEIPT**



\*OC000000009870641\*

Date Mailed: 04/18/2003

Receipt is acknowledged of this provisional Patent Application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Mehdi Namazian, Palo Alto, CA;  
John T. Kelly, Saratoga, CA;

**If Required, Foreign Filing License Granted: 04/18/2003**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Liquid fuel preprocessor (FPP) for fuel cell and other applications

**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

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RIGHTS PUBLIC

JAN 10 2003

Exh. 1



## LIQUID FUEL PREPROCESSOR

### CROSS-REFERENCE TO PRIOR APPLICATION

This application claims the benefit under 35 USC §119(e) of United States provisional application serial no. 60/236,956 filed Sept, 2000.

### GOVERNMENTAL AGENCY RIGHTS

The following governmental agencies have certain rights in the invention: US AMACA Natick contract W13118-9083-6600 and DARPA contract MDA972-01-C0066.

### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

The invention relates in general to the field of reforming fuel for use in fuel cells and other energy-producing systems such as internal combustion engines, auxiliary power units, furnaces, heaters, boilers and fuel upgrading reactors.

#### 2. Description of the Related Art

Fuel Cells are efficient, environmentally friendly and have the potential to be used in many power generation markets. For this potential to be realized, fuel cells need to be fuel flexible, and operate on liquid fuels derived from either petroleum, coal or biomass feedstocks. For example, in the distributed generation market, for remote operation, or as a back up fuel, petroleum distillate (e.g. #1 or #2), as well as liquefied Petroleum Gas (LPG), can be used. In the truck Auxiliary Power Unit (APU) market, the fuel cell needs to work on diesel fuel and in military transport and mobile power applications, the fuel of choice is logistic fuel (e.g. diesel, JP-5 and JP-8). For these applications, distillate fuels need to be reformed and converted to a reformate suitable to fuel cells. For Solid Oxide fuel cells, the suitable reformate is CO and hydrogen and for PEM fuel cells it is pure hydrogen. Since the process for converting CO and hydrogen to pure hydrogen is well established, the main challenge in using distillate fuels in fuel cells is to convert them to CO and hydrogen (i.e. syngas). Reforming distillate fuels to syngas has three major RECEIVED-USPTO  
Plant Publication



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application of: ) Group Art Unit: 1764  
Namazian et. al. ) Examiner: Not Assigned  
 )  
Serial No: 10/796,592 )  
 )  
Filed: March 5, 2004 )  
 )  
For: Liquid Fuel Preprocessor )

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450, on Mar 10, 2005.  
Richard E. Backus, Reg. No. 22,701  
Signed: R. E. Backus

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Dear Sir:

Preliminary to the examination of the claims in the subject application, please enter the following amendment:

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Amendment to the specification at page 1, in the paragraph starting at line 2:

CROSS-REFERENCE TO PRIOR APPLICATION

This application claims the benefit under 35 USC §119(c) of United States provisional application serial no. 60/236,956 filed Sept, 2000 March 5, 2003.

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REMARKS

The foregoing amendment corrects the priority filing date in the specification of the provisional application to March 5, 2003. Through a clerical error the priority date appeared as "Sept. 2000" in the specification whereas the Official Filing Receipt for the provisional application (copy attached) shows the correct date of "March 5, 2003."

Because the amendment corrects an obvious clerical error, it does not introduce new matter so that entry of the amendment is deemed to be in order and such action is solicited.

Should the Examiner have any questions on the foregoing, a telephone call to Applicant's attorney at 415-979-9876 is invited.

Respectfully submitted,

Date: Mar 10, 2005

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BRANCH 04759

01/03/2008 Date

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For

Patent 7,303,598

*Richard E. Backus*

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